

APPLICATION DATA SHEET**APPLICATION INFORMATION**

Application Number:: Not Yet Assigned
 Filing Date:: Filed Concurrently Herewith
 Application Type:: Regular
 Subject Matter:: Utility
 CD-ROM or CD-R?:: None
 Computer Readable Form (CRF)?:: No
 Title:: DEVICE AND METHOD OF
 DETECTING FLOW RATE/LIQUID
 KIND, AND DEVICE AND METHOD OF
 DETECTING LIQUID KIND
 Attorney Docket Number:: 1217-053934
 Request for Early Publication?:: No
 Request for Non-Publication?:: No
 Total Drawing Sheets:: 23
 Small Entity?:: No
 Secrecy Order In Parent Appl.?:: No

APPLICANT INFORMATION

Applicant Authority Type:: Inventor
 Primary Citizenship Country:: Japan
 Status:: Full Capacity
 Given Name:: Toshiaki
 Family Name:: KAWANISHI
 City of Residence:: Ageo-shi
 State or Province of Residence:: Saitama
 Country of Residence:: Japan
 Street of Mailing Address:: c/o Mitsui Mining & Smelting Co., Ltd.,
 Corporate R&D Center, 1333-2,
 Haraichi
 City of Mailing Address:: Ageo-shi
 State or Province of Mailing Address:: Saitama
 Country of Mailing Address:: Japan
 Postal or Zip Code of Mailing Address:: 3620021

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Takayuki
Family Name:: TAKAHATA
City of Residence:: Ageo-shi
State or Province of Residence:: Saitama
Country of Residence:: Japan
Street of Mailing Address:: c/o Mitsui Mining & Smelting Co., Ltd.,
Corporate R&D Center, 1333-2,
Haraichi
City of Mailing Address:: Ageo-shi
State or Province of Mailing Address:: Saitama
Country of Mailing Address:: Japan
Postal or Zip Code of Mailing Address:: 3620021

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Kenji
Family Name:: TOMONARI
City of Residence:: Ageo-shi
State or Province of Residence:: Saitama
Country of Residence:: Japan
Street of Mailing Address:: c/o Mitsui Mining & Smelting Co., Ltd.,
Corporate R&D Center, 1333-2,
Haraichi
City of Mailing Address:: Ageo-shi
State or Province of Mailing Address:: Saitama
Country of Mailing Address:: Japan
Postal or Zip Code of Mailing Address:: 3620021

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan

Status:: Full Capacity
Given Name:: Kiyoshi
Family Name:: YAMAGISHI
City of Residence:: Ageo-shi
State or Province of Residence:: Saitama
Country of Residence:: Japan
Street of Mailing Address:: c/o Mitsui Mining & Smelting Co., Ltd.,
Corporate R&D Center, 1333-2,
Haraichi
City of Mailing Address:: Ageo-shi
State or Province of Mailing Address:: Saitama
Country of Mailing Address:: Japan
Postal or Zip Code of Mailing Address:: 3620021

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Atsushi
Family Name:: KOIKE
City of Residence:: Ageo-shi
State or Province of Residence:: Saitama
Country of Residence:: Japan
Street of Mailing Address:: c/o Mitsui Mining & Smelting Co., Ltd.,
Corporate R&D Center, 1333-2,
Haraichi
City of Mailing Address:: Ageo-shi
State or Province of Mailing Address:: Saitama
Country of Mailing Address:: Japan
Postal or Zip Code of Mailing Address:: 3620021

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Akiko

Family Name:: KUBOTA
City of Residence:: Ageo-shi
State or Province of Residence:: Saitama
Country of Residence:: Japan
Street of Mailing Address:: c/o Mitsui Mining & Smelting Co., Ltd.,
Corporate R&D Center, 1333-2,
Haraichi
City of Mailing Address:: Ageo-shi
State or Province of Mailing Address:: Saitama
Country of Mailing Address:: Japan
Postal or Zip Code of Mailing Address:: 3620021

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Shin-ichi
Family Name:: INOUE
City of Residence:: Ageo-shi
State or Province of Residence:: Saitama
Country of Residence:: Japan
Street of Mailing Address:: c/o Mitsui Mining & Smelting Co., Ltd.,
Corporate R&D Center, 1333-2,
Haraichi
City of Mailing Address:: Ageo-shi
State or Province of Mailing Address:: Saitama
Country of Mailing Address:: Japan
Postal or Zip Code of Mailing Address:: 3620021

CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 28289

REPRESENTATIVE INFORMATION

Representative Customer Number::	28289	
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FOREIGN PRIORITY INFORMATION

Country::	Application number::	Filing Date::	Priority Claimed::
WIPO	PCT/JP2004/009853	July 9, 2004	Yes
JP	2003-195694	July 11, 2003	Yes
JP	2003-201142	July 24, 2003	Yes

ASSIGNMENT INFORMATION

Assignee Name:: Mitsui Mining & Smelting Co., Ltd.
Street of Mailing Address:: 11-1, Osaki 1-chome
City of Mailing Address:: Shinagawa-ku
State or Province of Mailing Address:: Tokyo
Country of Mailing Address:: Japan
Postal or Zip Code of Mailing Address:: 1418584